

**PROJECT:** Midnite Mine Remediation

**REPORT NO:** 2019-031

**OWNER:** Newmont/Dawn Mining

**OPERATOR:** Newmont/Dawn Mining

## Summary of Work Activities or Events for this reporting period:

This weekly report provides a summary of Midnite Mine Site (Site) remediation action (RA) construction activities, quality assurance (CQA), quality control (CQC) and engineering activities for the period October 25 – 31, 2019. The Site activities discussed in this weekly report include, but are not limited to: Site Health, Safety, and Security; Community Liaison, Project Meetings, Regulatory Oversight, Site Visitors; Site Mobilization; RA Activities; Project Documentation; and Site Inspections.

The project SharePoint site includes the Project documentation discussed in this report. Access to the project SharePoint site is available at the following link: <https://amcollab.mwhtools.com/sites/midnitemine>

## SITE HEALTH, SAFETY, AND SECURITY

### MIDNITE MINE HEALTH & SAFETY SUMMARY: Reporting Period October 25 – 31, 2019

FIRST AID INJURY	0	PROPERTY DAMAGE	0
MEDICALLY TREATED INJURY	0	NEAR MISS INCIDENT	0
RESTRICTED WORK INJURY	0	RADIATION PROTECTION PLAN (RPP) – ISSUES REPORTED	0
LOST TIME INJURY	0		

Comments: No incidents occurred during the reporting period.

## COMMUNITY LIAISON

No issues or concerns were reported or received by Newmont from the Spokane Tribe of Indians Community Liaison Officer. Mobilization notifications were provided to the Tribe during the week. There will be a community meeting on November 19 at 17:00 in Wellpinit, WA.

## PROJECT MEETINGS, REGULATORY OVERSIGHT, AND SITE VISITORS

### Weekly Progress Meeting:

The Weekly Construction Progress meeting was held at 1000 hours on Wednesday, October 30, 2019 at the on-site conference room and via conference call. Representatives from the following stakeholders attended the meeting in person or via telephone:

- Spokane Tribe of Indians
- U.S. Army Corps of Engineers
- Jacobs
- Dawn Mining Company (DMC)/Newmont Goldcorp
- WME
- Stantec
- Ajax

### Meeting Action Items:

- None.

### **EPA Plan/Document Approvals:**

- EPA approved the Responses to Comments for the South Pond Pumping Station Addendum on October 25.

### **Regulatory Site Visit(s):**

- Mark Fillius, USACE, was on Site on October 25 and 28 to 31.

## **REMEDIAL WORK ACTIVITIES**

### **Construction:**

During the week of October 25 – 31, 2019, the following activities were conducted:

- Continued excavating, hauling and placing low activity/low reactivity material to Pit 4 from the west and north sides of the South Waste Rock Pile (SWRP). Material from SWRP was placed in the Pit 4 Waste Containment Area (WCA).
- The above materials were excavated with either excavator or loader equipment and transported and plug dumped with haul trucks. The plug dumps were leveled with a dozer into lifts not exceeding 10' thick. Table 1 presents the 2019 Pit 4 mass haul material volume.

**Table 1 – 2019 Pit 4 mass haul volume estimates**

Reporting Period	Truck Loads	Estimated Volume <sup>1</sup> yd <sup>3</sup>
October 25 – 31, 2019	2,349	65,772
2019 Cumulative	85,075	2,382,100

1 - Truck load assumed to be 28 yd<sup>3</sup>

- Tetra Tech/AEG continued installation of the South Pond Liner System with support from Envirocon;
  - Continued installation of the Primary Containment Liner
  - Continued backfill of the anchor trench over the Primary Containment Liner.
  - Installed rubsheets and ballast tubes in the northwest and north center corners of the pond
  - Installed pipe boots around the west sump leak detection pipes.
  - Began installing vents at 50-ft interval around the pond crest.
  - Accumulated stormwater was pumped from the pond to Pit 3 following storm events.
- Herrera planting crew completed installation of seedling protection tubes in the West Access Road area.
- Method 9 visual opacity evaluation of the lime silo baghouse at the water treatment plant was completed on October 26. Opacity from the baghouse conformed to project requirements.
- Pit 4 tension crack was measured on October 28. The horizontal distance between movement pins remains at 53.75 inches, indicating no measurable movement.

### **Stormwater Pollution Prevention Plan (SWPPP)**

- Performed SWPPP inspection on October 26. No new BMPs or maintenance activities identified.
- Completed installation of turf reinforcement matting (TRM) in the South Construction Support Zone (South CSZ) swells and excavated the pump sump.

### **Spill Prevention, Control, and Countermeasure Activities (SPCC)**

- SPCC containments were checked for water accumulation from precipitation events this week and drained of any accumulated water after verification that no oil sheen was present.

### Equipment Mobilized/Demobilized and Material Delivered

The following equipment was mobilized to the Site during this reporting period.

- None.

The following equipment was demobilized from the Site during this reporting period.

- None.

All project owned non-road diesel equipment on Site is US-EPA Tier 4 compliant. On-site rental equipment and subsequent deliveries of rental equipment may be less than Tier 4 and will be assessed at the time of delivery.

### Materials:

The following material was delivered to the Site during this reporting period.

- None.

### Dust Control and Monitoring

Six dust monitors operated during on-site construction activities at the locations and for the time intervals listed in Table 2. The Total Suspended Particulate (TSP) action level of 260 micrograms/cubic meter was not exceeded during this reporting period.

**Table 2 - TSP Dust Monitoring Locations during reporting period October 25 – 31, 2019**

Monitor ID	Location Description	Start Date	Status						
			Fri	Sat	Sun	Mon	Tue	Wed	Thurs
ES-1 (stationary)	Midnite Mine Top of Pit 4	04/01/19	D/N			D/N	D/N	D/N	D/N
ES-2 (stationary)	Midnite Mine Southeast Boundary	04/01/19	D/N			D/N	D/N	D/N	D/N
ES-3 (stationary)	Midnite Mine West Boundary	04/01/19	D/N			D/N	D/N	D/N	D/N
ES-4 (roving)	East of the Mid-WRP	08/19/19	D/N			D/N	D/N	D/N	D/N
ES-5 (roving)	Spare								
ES-6 (roving)	East Side of Pit 4	08/13/19	D/N			D/N	D/N	D/N	D/N
ES-7 (roving)	Southwest Side of Area 5	07/12/19	D/N			D/N	D/N	D/N	D/N
ES-8 (stationary)	Spare								
D=Day Shift (6:00 am to 4:30 pm) N=Night Shift (4:00 pm to 2:30 am) E=Environmental conditions (Fog, smoke, pollen, heavy rain, etc.) – No Operation * Equipment malfunction (Battery/Power Supply or Other)									

## PROJECT DOCUMENTATION

Project Submittals, Engineering Change Notices (ECNs), Requests for Information (RFIs), Non-Compliance Notifications (NCNs), CQA-CQC Field Acceptance Forms and Other Items received, changed or noted during this time-period are shown in the table below:

**Table 3 – CQA Documentation**

Project Submittals			
Submittal No.	Title	Submittal Date	CQA Acceptance Date
02594-11.00	High Country Fusion – Certificates of Qualification (HDPE Pipe Welders)	10/23/2019	10/28/2019 EPA Acceptance Received 10/30/2019

Project ECNs			
ECN No.	Title	EPA Submittal Date	EPA Response Date
None			
Project RFIs			
RFI No.	Title	CQC Submittal Date	CQA Response Date
2019-21	South Pond Safety Berm Material	10/23/2019	10/29/2019 EPA Acceptance Received 10/30/2019
2019-22	South Pond Fence	10/29/2019	10/30/2019 EPA Acceptance Received 10/31/2019
2019-23	Crushing of South Waste Rock Material for Pit 3 Drainage Materials	10/29/2019	TBD
Project NCNs			
NCN No.	Title	CQA Issue Date	CQC Response Date
None to Date			
CQC-CQA Field Acceptance Forms			
CQC-CQA Acceptance No.	Title		CQC-CQA Issue Date
None			
Other Items			
Item	Title		Comments
None			

Copies of the updated CQA Logs are located on the project SharePoint site under the 2019 CQA Folder.

## SITE INSPECTIONS

Details regarding the four-phase CQA observation/inspection process for each definable work feature are summarized below and are further detailed in the daily CQC/CQA reports that are available on the project SharePoint site.

### Preparatory Inspections / Meetings

- None during this time-period.

### Initial Phase Inspections

- None during this time-period.

### Follow-up Phase and Ongoing Inspections

- Daily observations/inspections were performed by CQA during this time-period pursuant to project specifications, design drawings and project documentation for applicable activities shown in the Construction Section of the Remedial Work Activities portion of this report. There were no outstanding issues identified by CQA during this reporting period.

### Completion Inspections

- None

## THREE WEEK LOOKAHEAD SCHEDULE

### Three Week Lookahead Schedule

A copy of the Three Week Lookahead Schedule is provided as Attachment A.

Report completed and submitted by:
<u>David Lee</u> <u>Project Construction Director</u>
Attachments <ul style="list-style-type: none"><li>• Attachment A – Midnite Mine 3 Week Lookahead Schedule</li></ul>
Photos of pertinent items are provided below.





Figure 1 – Excavation of Low Activity/Low-Reactivity mine waste from west side of the SWRP, looking north.



Figure 2 – AEG/Tetrattech installing the primary geomembrane liner on the east slope of the South Pond, looking northeast.

**ATTACHMENT A**

**MIDNITE MINE THREE WEEK LOOKAHEAD SCHEDULE**

